

Inventor:

Glenn A. Dearth,
Christopher J. Jackson and
Mark R. Johnson

Serial No.: 10/007,154

Filing Date: December 4, 2001

For: Remote Memory Address Translation

Atty. Dkt. No.: 5681-79200

Art Unit: 2187

Examiner: Glenn A. Gossage

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below:

B. Noel Kivlin

Name of Registered Representative

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Date _____

Signature _____

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

MAR 31 2004

Technology Center 2100

Sir:

SUN MICROSYSTEMS, INC., (“assignee”), a Delaware corporation having a place of business at 4150 Network Circle, Santa Clara, California 95054, certifies that to the best of assignee’s knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Andrew C. Chen	Reg. No. 43,544
Bernice B. Chen	Reg. No. 42,403
Arien C. Ferrell	Reg. No. 46,696
Marc D. Foodman	Reg. No. 34,110
Marilyn E. Glaubensklee	Reg. No. 35,521
Anirma R. Gupta	Reg. No. 38,275
Noreen A. Krall	Reg. No. 39,734

Elaine K. Lee	Reg. No. 41,936
Sean P. Lewis	Reg. No. 42,798
Jeffrey L. Myers	Reg. No. 44,252
Paul D. Sorkin	Reg. No. 39,039
Joseph A. Twarowski	Reg. No. 42,191
Monica Ward	Reg. No. 40,696

each of said attorneys being employed by Sun Microsystems; and

Mark K. Brightwell	Reg. No. 47,446	Lawrence J. Merkel	Reg. No. 41,191
Kay A. Colapret	Reg. No. 52,759	Eric B. Meyertons	Reg. No. 34,876
Stephen J. Curran	Reg. No. 50,664	Neal E. Persky	Reg. No. 53,452
Mark R. DeLuca	Reg. No. 44,649	Liza Philip	Reg. No. 51,352
Heather L. Flanagan	Reg. No. 54,101	David W. Quimby	Reg. No. 39,338
Russell Henrichs	Reg. No. 50,354	Rory D. Rankin	Reg. No. 47,884
Erik A. Heter	Reg. No. 50,652	Gareth Sampson	Reg. No. 52,191
Jeffrey C. Hood	Reg. No. 35,198	Chris Thompson	Reg. No. 43,188
B. Noël Kivlin	Reg. No. 33,929	Mark S. Williams	Reg. No. 50,658
Robert C. Kowert	Reg. No. 39,255		

each of said attorneys or agents being a member or an associate of the firm of Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

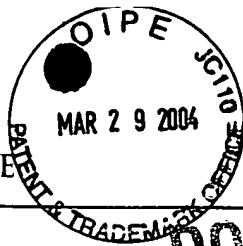
Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: B. Noël Kivlin
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, Texas 78767-0398
(512) 853-8840

Assignee of Interest Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054

Dated: Feb 10, 2004

By: Noreen A. Krall
Name: Noreen A. Krall
Reg. No.: 39,734
Title: Director of Intellectual Property,
Hardware and Systems



FEBRUARY 08, 2002

BROMBERG & SUNSTEIN LLP
ELIZABETH P. MORANO
125 SUMMER STREET
BOSTON, MA 02110

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BROMBERG & SUNSTEIN

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/04/2001

REEL/FRAME: 012373/0141
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DEARTH, GLENN A.

DOC DATE: 11/22/2001

ASSIGNOR:

JACKSON, CHRISTOPHER J.

DOC DATE: 11/06/2001

ASSIGNOR:

JOHNSON, MARK R.

DOC DATE: 11/06/2001

ASSIGNEE:

SUN MICROSYSTEMS, INC.
M/S PALO1-521
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

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SERIAL NUMBER: 10007154
PATENT NUMBER:

FILING DATE:
ISSUE DATE:

012373/0141 PAGE 2

DOROTHY RILEY, EXAMINER
ASSIGNMENT DIVISION
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12-20-2001

MAR 29 2004

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

101919701

Attached original documents or copy thereof.
Address of receiving party(ies):

1. Name of conveying party(ies):
Glenn A. Dearth
Christopher J. Jackson
Mark R. Johnson

Name: Sun Microsystems, Inc.

Internal Address: 901 San Antonio Road

Street Address: M/S PALO1-521

City: Palo Alto State: CA ZIP: 94303

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 11/6/2001 and 11/22/2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 4, 2001

A. Patent Application No.(s)

B. Patent No.(s)

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Additional numbers attached? ☐ Yes ☒ No

10/007154

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Elizabeth P. Morano

Internal Address: Bromberg & Sunstein LLP

Street Address: 125 Summer Street

City: Boston State: MA ZIP: 02110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

19-4972

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(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert M. Asher
Name of Person Signing

Robert M. Asher
Signature

December 4, 2001
Date

Total number of pages including cover sheet, attachments, and document: 7

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Washington, D.C. 20231

12/19/2001 GTOW11 00000034 194972 10007154

01 PM:581 40.00 CH

(Form PTO-1595--Recordation Form Cover Sheet - page 1 of 3)

ASSIGNMENT

ASSIGNOR: Glenn A. Dearth
Christopher J. Jackson
Mark R. Johnson

ASSIGNEE: Sun Microsystems, Inc.
901 San Antonio Road
M/S PALO1-521
Palo Alto, CA 94303

STATE OF INCORPORATION OF ASSIGNEE: Delaware

INVENTION: Remote Memory Address Translation

ATTORNEY DOCKET: 2442/105

SERIAL NO: Not Yet Assigned

FILED: Herewith

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and

all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: NOVEMBER 22, 2001

Glenn A. Dearth
Glenn A. Dearth, Assignor

Date: _____

Christopher J. Jackson, Assignor

Date: _____

Mark R. Johnson, Assignor

ASSIGNMENT

ASSIGNOR: Glenn A. Dearth
Christopher J. Jackson
Mark R. Johnson

ASSIGNEE: Sun Microsystems, Inc.
901 San Antonio Road
M/S PALO1-521
Palo Alto, CA 94303

STATE OF INCORPORATION OF ASSIGNEE: Delaware

INVENTION: Remote Memory Address Translation

ATTORNEY DOCKET: 2442/105

SERIAL NO: Not Yet Assigned

FILED: Herewith

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and

all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Glenn A. Dearth, Assignor

Date: 6 Nov 2001

CL 77a

Christopher J. Jackson, Assignor

Date: 6 - Nov - 2001

Mark R. Johnson

Mark R. Johnson, Assignor